

**Appendix  
for  
DC\_7A\_n66A  
(1710-1780)  
Other PA**

## Catalogue

|           |   |           |
|-----------|---|-----------|
| <b>1.</b> | <b>EFFECTIVE ISOTROPIC RADIATED POWER .....</b>                   | <b>3</b>  |
| 1.1.      | TEST RESULTS @ ANT1 (ANTENNA GAIN=-4.00DBI).....                  | 3         |
| <b>2.</b> | <b>PEAK-TO-AVERAGE RATIO .....</b>                                | <b>6</b>  |
| 2.1.      | TEST RESULTS .....  | 6         |
| 2.2.      | TEST PLOTS FOR SCS=15KHZ.....                                     | 6         |
| <b>3.</b> | <b>MODULATION CHARACTERISTICS .....</b>                           | <b>7</b>  |
| 3.1.      | TEST PLOTS FOR SCS=15KHZ.....                                     | 7         |
| <b>4.</b> | <b>99% OCCUPIED BANDWIDTH &amp; 26DB EMISSION BANDWIDTH .....</b> | <b>9</b>  |
| 4.1.      | TEST RESULTS .....  | 9         |
| 4.2.      | TEST PLOTS FOR SCS=15KHZ.....                                     | 10        |
| <b>5.</b> | <b>CONDUCTED BAND EDGES .....</b>                                 | <b>18</b> |
| 5.1.      | TEST PLOTS FOR SCS=15KHZ.....                                     | 18        |
| <b>6.</b> | <b>CONDUCTED SPURIOUS EMISSION .....</b>                          | <b>29</b> |
| 6.1.      | TEST PLOTS FOR SCS=15KHZ.....                                     | 29        |
| <b>7.</b> | <b>FREQUENCY STABILITY .....</b>                                  | <b>37</b> |
| 7.1.      | TEST RESULTS .....  | 37        |

### 1. Effective Isotropic Radiated Power

#### 1.1. Test Results @ Ant1 (Antenna Gain=-4.00dBi)

| SCS   | Bandwidth | Channel | Modulation  | Conducted Result (dBm) |                 |            | Max EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|---------|-------------|------------------------|-----------------|------------|----------------|-------------|---------|
|       |           |         |             | Inner_1RB_Left         | Inner_1RB_Right | Inner_Full |                |             |         |
| 15KHz | 5MHz      | LCH     | DFT-Pi2BPSK | 23.54                  | 23.60           | 23.29      | 19.60          | 30.00       | Pass    |
| 15KHz | 5MHz      | LCH     | DFT-QPSK    | 23.31                  | 23.50           | 23.77      | 19.77          | 30.00       | Pass    |
| 15KHz | 5MHz      | LCH     | DFT-16QAM   | 22.64                  | 22.75           | 22.53      | 18.75          | 30.00       | Pass    |
| 15KHz | 5MHz      | LCH     | DFT-64QAM   | 21.20                  | 21.33           | 21.24      | 17.33          | 30.00       | Pass    |
| 15KHz | 5MHz      | LCH     | DFT-256QAM  | 19.13                  | 19.17           | 19.29      | 15.29          | 30.00       | Pass    |
| 15KHz | 5MHz      | LCH     | CP-QPSK     | 21.91                  | 21.98           | 22.18      | 18.18          | 30.00       | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-Pi2BPSK | 23.39                  | 23.41           | 23.37      | 19.41          | 30.00       | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-QPSK    | 23.32                  | 23.31           | 23.60      | 19.60          | 30.00       | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-16QAM   | 22.74                  | 22.73           | 22.48      | 18.74          | 30.00       | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-64QAM   | 21.23                  | 21.20           | 21.10      | 17.23          | 30.00       | Pass    |
| 15KHz | 5MHz      | MCH     | DFT-256QAM  | 19.01                  | 19.00           | 19.15      | 15.15          | 30.00       | Pass    |
| 15KHz | 5MHz      | MCH     | CP-QPSK     | 21.37                  | 21.62           | 22.06      | 18.06          | 30.00       | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-Pi2BPSK | 23.28                  | 23.35           | 23.59      | 19.59          | 30.00       | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-QPSK    | 23.25                  | 23.42           | 23.62      | 19.62          | 30.00       | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-16QAM   | 22.75                  | 22.70           | 22.62      | 18.75          | 30.00       | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-64QAM   | 21.25                  | 21.25           | 21.16      | 17.25          | 30.00       | Pass    |
| 15KHz | 5MHz      | HCH     | DFT-256QAM  | 19.09                  | 19.11           | 19.25      | 15.25          | 30.00       | Pass    |
| 15KHz | 5MHz      | HCH     | CP-QPSK     | 21.69                  | 21.74           | 22.00      | 18.00          | 30.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-Pi2BPSK | 23.54                  | 23.62           | 23.66      | 19.66          | 30.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-QPSK    | 23.49                  | 23.63           | 23.65      | 19.65          | 30.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-16QAM   | 22.88                  | 22.83           | 22.68      | 18.88          | 30.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-64QAM   | 21.34                  | 21.34           | 21.24      | 17.34          | 30.00       | Pass    |
| 15KHz | 10MHz     | LCH     | DFT-256QAM  | 19.10                  | 19.09           | 19.21      | 15.21          | 30.00       | Pass    |
| 15KHz | 10MHz     | LCH     | CP-QPSK     | 21.81                  | 22.00           | 22.11      | 18.11          | 30.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-Pi2BPSK | 23.39                  | 23.40           | 23.46      | 19.46          | 30.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-QPSK    | 23.32                  | 23.35           | 23.48      | 19.48          | 30.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-16QAM   | 22.74                  | 22.77           | 22.56      | 18.77          | 30.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-64QAM   | 21.24                  | 21.25           | 21.08      | 17.25          | 30.00       | Pass    |
| 15KHz | 10MHz     | MCH     | DFT-256QAM  | 19.03                  | 18.99           | 19.02      | 15.03          | 30.00       | Pass    |
| 15KHz | 10MHz     | MCH     | CP-QPSK     | 21.76                  | 21.77           | 21.93      | 17.93          | 30.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-Pi2BPSK | 23.41                  | 23.56           | 23.52      | 19.56          | 30.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-QPSK    | 23.36                  | 23.51           | 23.55      | 19.55          | 30.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-16QAM   | 22.74                  | 22.78           | 22.61      | 18.78          | 30.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-64QAM   | 21.24                  | 21.33           | 21.11      | 17.33          | 30.00       | Pass    |
| 15KHz | 10MHz     | HCH     | DFT-256QAM  | 19.02                  | 19.16           | 19.14      | 15.16          | 30.00       | Pass    |
| 15KHz | 10MHz     | HCH     | CP-QPSK     | 21.80                  | 21.86           | 21.83      | 17.86          | 30.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-Pi2BPSK | 23.56                  | 23.41           | 23.68      | 19.68          | 30.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-QPSK    | 23.48                  | 23.63           | 23.68      | 19.68          | 30.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-16QAM   | 22.82                  | 22.50           | 22.73      | 18.82          | 30.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-64QAM   | 21.37                  | 21.28           | 21.22      | 17.37          | 30.00       | Pass    |
| 15KHz | 15MHz     | LCH     | DFT-256QAM  | 19.08                  | 19.10           | 19.18      | 15.18          | 30.00       | Pass    |
| 15KHz | 15MHz     | LCH     | CP-QPSK     | 21.97                  | 22.05           | 22.21      | 18.21          | 30.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-Pi2BPSK | 23.38                  | 23.46           | 23.23      | 19.46          | 30.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-QPSK    | 23.35                  | 23.40           | 23.53      | 19.53          | 30.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-16QAM   | 22.68                  | 22.44           | 22.35      | 18.68          | 30.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-64QAM   | 21.17                  | 21.22           | 21.13      | 17.22          | 30.00       | Pass    |
| 15KHz | 15MHz     | MCH     | DFT-256QAM  | 18.97                  | 18.96           | 19.09      | 15.09          | 30.00       | Pass    |
| 15KHz | 15MHz     | MCH     | CP-QPSK     | 21.78                  | 21.95           | 21.77      | 17.95          | 30.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-Pi2BPSK | 23.37                  | 23.55           | 23.52      | 19.55          | 30.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-QPSK    | 23.44                  | 23.53           | 23.55      | 19.55          | 30.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-16QAM   | 22.64                  | 22.84           | 22.64      | 18.84          | 30.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-64QAM   | 21.16                  | 21.36           | 21.11      | 17.36          | 30.00       | Pass    |
| 15KHz | 15MHz     | HCH     | DFT-256QAM  | 18.97                  | 19.17           | 19.17      | 15.17          | 30.00       | Pass    |
| 15KHz | 15MHz     | HCH     | CP-QPSK     | 21.61                  | 22.04           | 22.08      | 18.08          | 30.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-Pi2BPSK | 23.53                  | 23.28           | 23.69      | 19.69          | 30.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-QPSK    | 23.47                  | 23.62           | 23.68      | 19.68          | 30.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-16QAM   | 22.81                  | 22.75           | 22.73      | 18.81          | 30.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-64QAM   | 21.36                  | 21.26           | 21.22      | 17.36          | 30.00       | Pass    |
| 15KHz | 20MHz     | LCH     | DFT-256QAM  | 19.08                  | 19.06           | 19.22      | 15.22          | 30.00       | Pass    |

|       |       |     |             |       |       |       |       |       |      |
|-------|-------|-----|-------------|-------|-------|-------|-------|-------|------|
| 15KHz | 20MHz | LCH | CP-QPSK     | 21.94 | 21.98 | 22.23 | 18.23 | 30.00 | Pass |
| 15KHz | 20MHz | MCH | DFT-Pi2BPSK | 23.42 | 23.48 | 23.52 | 19.52 | 30.00 | Pass |
| 15KHz | 20MHz | MCH | DFT-QPSK    | 23.37 | 23.41 | 23.54 | 19.54 | 30.00 | Pass |
| 15KHz | 20MHz | MCH | DFT-16QAM   | 22.63 | 22.59 | 22.63 | 18.63 | 30.00 | Pass |
| 15KHz | 20MHz | MCH | DFT-64QAM   | 20.93 | 21.22 | 21.06 | 17.22 | 30.00 | Pass |
| 15KHz | 20MHz | MCH | DFT-256QAM  | 18.97 | 18.99 | 19.09 | 15.09 | 30.00 | Pass |
| 15KHz | 20MHz | MCH | CP-QPSK     | 21.82 | 21.87 | 21.97 | 17.97 | 30.00 | Pass |
| 15KHz | 20MHz | HCH | DFT-Pi2BPSK | 23.49 | 23.60 | 23.51 | 19.60 | 30.00 | Pass |
| 15KHz | 20MHz | HCH | DFT-QPSK    | 23.47 | 23.50 | 23.53 | 19.53 | 30.00 | Pass |
| 15KHz | 20MHz | HCH | DFT-16QAM   | 22.67 | 22.88 | 22.59 | 18.88 | 30.00 | Pass |
| 15KHz | 20MHz | HCH | DFT-64QAM   | 21.20 | 21.39 | 21.03 | 17.39 | 30.00 | Pass |
| 15KHz | 20MHz | HCH | DFT-256QAM  | 18.89 | 19.19 | 19.13 | 15.19 | 30.00 | Pass |
| 15KHz | 20MHz | HCH | CP-QPSK     | 21.87 | 22.01 | 22.05 | 18.05 | 30.00 | Pass |
| 15KHz | 25MHz | LCH | DFT-Pi2BPSK | 23.52 | 23.52 | 23.75 | 19.75 | 30.00 | Pass |
| 15KHz | 25MHz | LCH | DFT-QPSK    | 23.44 | 23.51 | 23.74 | 19.74 | 30.00 | Pass |
| 15KHz | 25MHz | LCH | DFT-16QAM   | 22.80 | 22.72 | 22.77 | 18.80 | 30.00 | Pass |
| 15KHz | 25MHz | LCH | DFT-64QAM   | 21.35 | 21.23 | 21.32 | 17.35 | 30.00 | Pass |
| 15KHz | 25MHz | LCH | DFT-256QAM  | 18.96 | 19.00 | 19.25 | 15.25 | 30.00 | Pass |
| 15KHz | 25MHz | LCH | CP-QPSK     | 21.77 | 21.99 | 22.27 | 18.27 | 30.00 | Pass |
| 15KHz | 25MHz | MCH | DFT-Pi2BPSK | 23.46 | 23.47 | 23.48 | 19.48 | 30.00 | Pass |
| 15KHz | 25MHz | MCH | DFT-QPSK    | 23.42 | 23.45 | 23.61 | 19.61 | 30.00 | Pass |
| 15KHz | 25MHz | MCH | DFT-16QAM   | 22.65 | 22.56 | 22.61 | 18.65 | 30.00 | Pass |
| 15KHz | 25MHz | MCH | DFT-64QAM   | 21.18 | 21.22 | 21.18 | 17.22 | 30.00 | Pass |
| 15KHz | 25MHz | MCH | DFT-256QAM  | 18.88 | 18.86 | 19.10 | 15.10 | 30.00 | Pass |
| 15KHz | 25MHz | MCH | CP-QPSK     | 21.82 | 21.93 | 22.13 | 18.13 | 30.00 | Pass |
| 15KHz | 25MHz | HCH | DFT-Pi2BPSK | 23.37 | 23.61 | 23.56 | 19.61 | 30.00 | Pass |
| 15KHz | 25MHz | HCH | DFT-QPSK    | 23.34 | 23.56 | 23.59 | 19.59 | 30.00 | Pass |
| 15KHz | 25MHz | HCH | DFT-16QAM   | 22.57 | 22.91 | 22.61 | 18.91 | 30.00 | Pass |
| 15KHz | 25MHz | HCH | DFT-64QAM   | 20.89 | 21.19 | 21.12 | 17.19 | 30.00 | Pass |
| 15KHz | 25MHz | HCH | DFT-256QAM  | 18.79 | 19.12 | 19.12 | 15.12 | 30.00 | Pass |
| 15KHz | 25MHz | HCH | CP-QPSK     | 21.67 | 22.12 | 22.14 | 18.14 | 30.00 | Pass |
| 15KHz | 30MHz | LCH | DFT-Pi2BPSK | 23.55 | 22.74 | 23.70 | 19.70 | 30.00 | Pass |
| 15KHz | 30MHz | LCH | DFT-QPSK    | 23.44 | 23.53 | 23.71 | 19.71 | 30.00 | Pass |
| 15KHz | 30MHz | LCH | DFT-16QAM   | 22.86 | 22.84 | 22.76 | 18.86 | 30.00 | Pass |
| 15KHz | 30MHz | LCH | DFT-64QAM   | 21.35 | 21.33 | 21.26 | 17.35 | 30.00 | Pass |
| 15KHz | 30MHz | LCH | DFT-256QAM  | 19.01 | 18.98 | 19.23 | 15.23 | 30.00 | Pass |
| 15KHz | 30MHz | LCH | CP-QPSK     | 21.40 | 22.00 | 22.28 | 18.28 | 30.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-Pi2BPSK | 23.53 | 23.55 | 23.59 | 19.59 | 30.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-QPSK    | 23.48 | 23.53 | 23.64 | 19.64 | 30.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-16QAM   | 22.69 | 22.74 | 22.67 | 18.74 | 30.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-64QAM   | 21.22 | 21.24 | 21.16 | 17.24 | 30.00 | Pass |
| 15KHz | 30MHz | MCH | DFT-256QAM  | 18.89 | 18.95 | 19.08 | 15.08 | 30.00 | Pass |
| 15KHz | 30MHz | MCH | CP-QPSK     | 21.87 | 21.51 | 22.15 | 18.15 | 30.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-Pi2BPSK | 23.43 | 23.67 | 23.60 | 19.67 | 30.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-QPSK    | 23.20 | 23.61 | 23.58 | 19.61 | 30.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-16QAM   | 22.70 | 22.95 | 22.66 | 18.95 | 30.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-64QAM   | 21.23 | 21.46 | 21.15 | 17.46 | 30.00 | Pass |
| 15KHz | 30MHz | HCH | DFT-256QAM  | 18.86 | 19.16 | 19.08 | 15.16 | 30.00 | Pass |
| 15KHz | 30MHz | HCH | CP-QPSK     | 21.82 | 22.10 | 22.08 | 18.10 | 30.00 | Pass |
| 15KHz | 35MHz | LCH | DFT-Pi2BPSK | 23.48 | 22.63 | 23.29 | 19.48 | 30.00 | Pass |
| 15KHz | 35MHz | LCH | DFT-QPSK    | 23.37 | 23.48 | 23.70 | 19.70 | 30.00 | Pass |
| 15KHz | 35MHz | LCH | DFT-16QAM   | 22.79 | 22.89 | 22.79 | 18.89 | 30.00 | Pass |
| 15KHz | 35MHz | LCH | DFT-64QAM   | 21.27 | 21.42 | 21.28 | 17.42 | 30.00 | Pass |
| 15KHz | 35MHz | LCH | DFT-256QAM  | 18.95 | 18.97 | 19.23 | 15.23 | 30.00 | Pass |
| 15KHz | 35MHz | LCH | CP-QPSK     | 21.87 | 21.95 | 22.28 | 18.28 | 30.00 | Pass |
| 15KHz | 35MHz | MCH | DFT-Pi2BPSK | 23.31 | 23.52 | 23.36 | 19.52 | 30.00 | Pass |
| 15KHz | 35MHz | MCH | DFT-QPSK    | 23.47 | 23.50 | 23.60 | 19.60 | 30.00 | Pass |
| 15KHz | 35MHz | MCH | DFT-16QAM   | 22.63 | 22.71 | 22.69 | 18.71 | 30.00 | Pass |
| 15KHz | 35MHz | MCH | DFT-64QAM   | 21.16 | 21.23 | 21.16 | 17.23 | 30.00 | Pass |
| 15KHz | 35MHz | MCH | DFT-256QAM  | 18.91 | 18.95 | 19.08 | 15.08 | 30.00 | Pass |
| 15KHz | 35MHz | MCH | CP-QPSK     | 21.72 | 21.88 | 22.15 | 18.15 | 30.00 | Pass |
| 15KHz | 35MHz | HCH | DFT-Pi2BPSK | 23.43 | 23.49 | 23.58 | 19.58 | 30.00 | Pass |
| 15KHz | 35MHz | HCH | DFT-QPSK    | 23.38 | 23.59 | 23.58 | 19.59 | 30.00 | Pass |

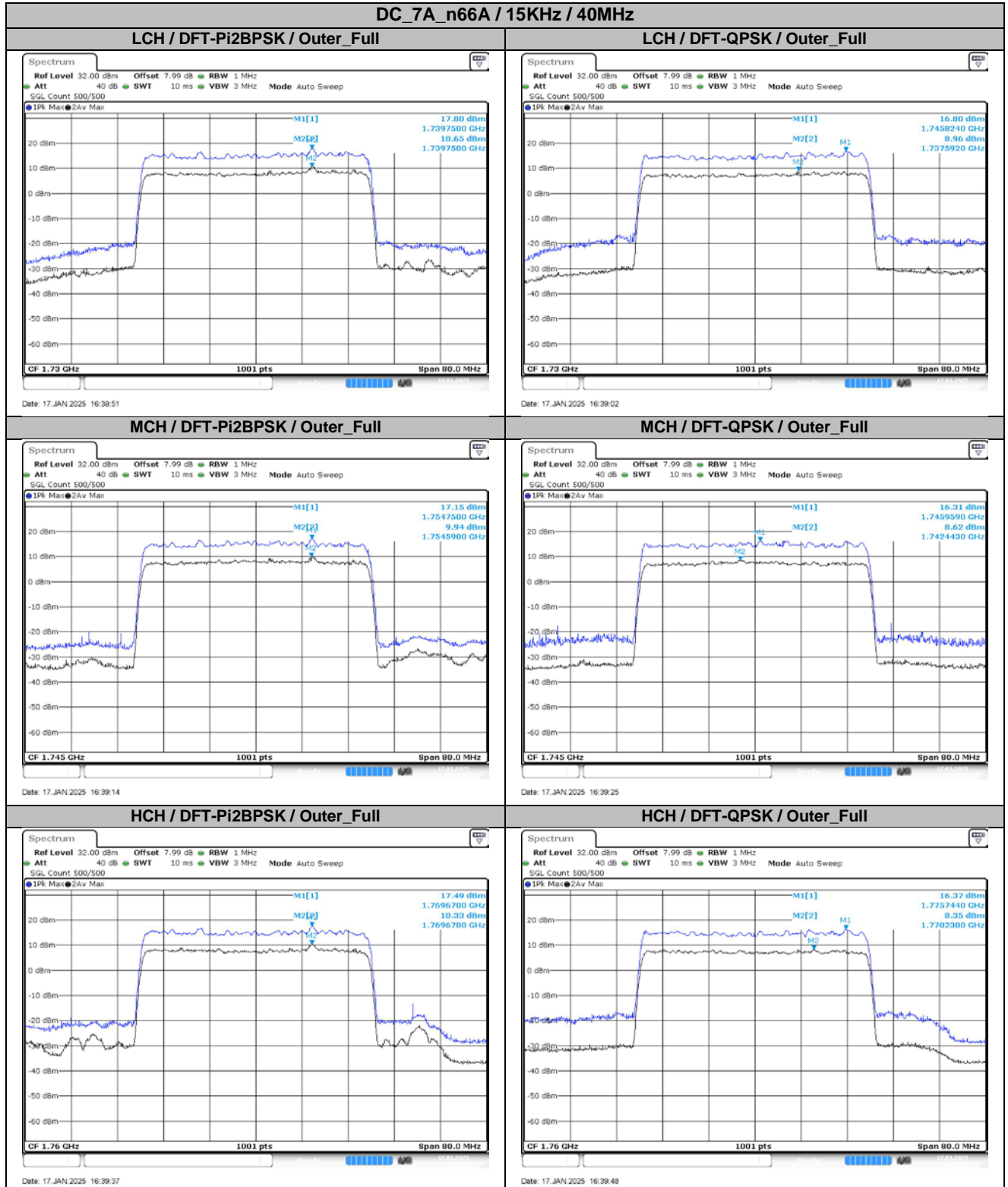
|       |       |     |             |       |       |       |       |       |      |
|-------|-------|-----|-------------|-------|-------|-------|-------|-------|------|
| 15KHz | 35MHz | HCH | DFT-16QAM   | 22.61 | 22.89 | 22.66 | 18.89 | 30.00 | Pass |
| 15KHz | 35MHz | HCH | DFT-64QAM   | 21.27 | 21.42 | 21.15 | 17.42 | 30.00 | Pass |
| 15KHz | 35MHz | HCH | DFT-256QAM  | 18.94 | 19.14 | 19.09 | 15.14 | 30.00 | Pass |
| 15KHz | 35MHz | HCH | CP-QPSK     | 21.85 | 22.09 | 22.11 | 18.11 | 30.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-Pi2BPSK | 23.47 | 23.42 | 23.67 | 19.67 | 30.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-QPSK    | 23.37 | 23.46 | 23.69 | 19.69 | 30.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-16QAM   | 22.81 | 22.85 | 22.74 | 18.85 | 30.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-64QAM   | 21.32 | 21.32 | 21.24 | 17.32 | 30.00 | Pass |
| 15KHz | 40MHz | LCH | DFT-256QAM  | 18.92 | 19.01 | 19.18 | 15.18 | 30.00 | Pass |
| 15KHz | 40MHz | LCH | CP-QPSK     | 21.89 | 22.06 | 22.21 | 18.21 | 30.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-Pi2BPSK | 23.51 | 22.74 | 23.59 | 19.59 | 30.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-QPSK    | 23.50 | 22.60 | 23.27 | 19.50 | 30.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-16QAM   | 22.67 | 22.70 | 22.67 | 18.70 | 30.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-64QAM   | 21.21 | 21.20 | 21.15 | 17.21 | 30.00 | Pass |
| 15KHz | 40MHz | MCH | DFT-256QAM  | 18.64 | 19.00 | 19.10 | 15.10 | 30.00 | Pass |
| 15KHz | 40MHz | MCH | CP-QPSK     | 21.83 | 21.63 | 22.12 | 18.12 | 30.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-Pi2BPSK | 23.41 | 23.49 | 23.60 | 19.60 | 30.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-QPSK    | 23.32 | 23.45 | 23.60 | 19.60 | 30.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-16QAM   | 22.51 | 22.74 | 22.66 | 18.74 | 30.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-64QAM   | 21.23 | 21.49 | 21.15 | 17.49 | 30.00 | Pass |
| 15KHz | 40MHz | HCH | DFT-256QAM  | 18.82 | 18.59 | 19.10 | 15.10 | 30.00 | Pass |
| 15KHz | 40MHz | HCH | CP-QPSK     | 21.79 | 22.17 | 22.11 | 18.17 | 30.00 | Pass |

## 2. Peak-to-Average Ratio

### 2.1. Test Results

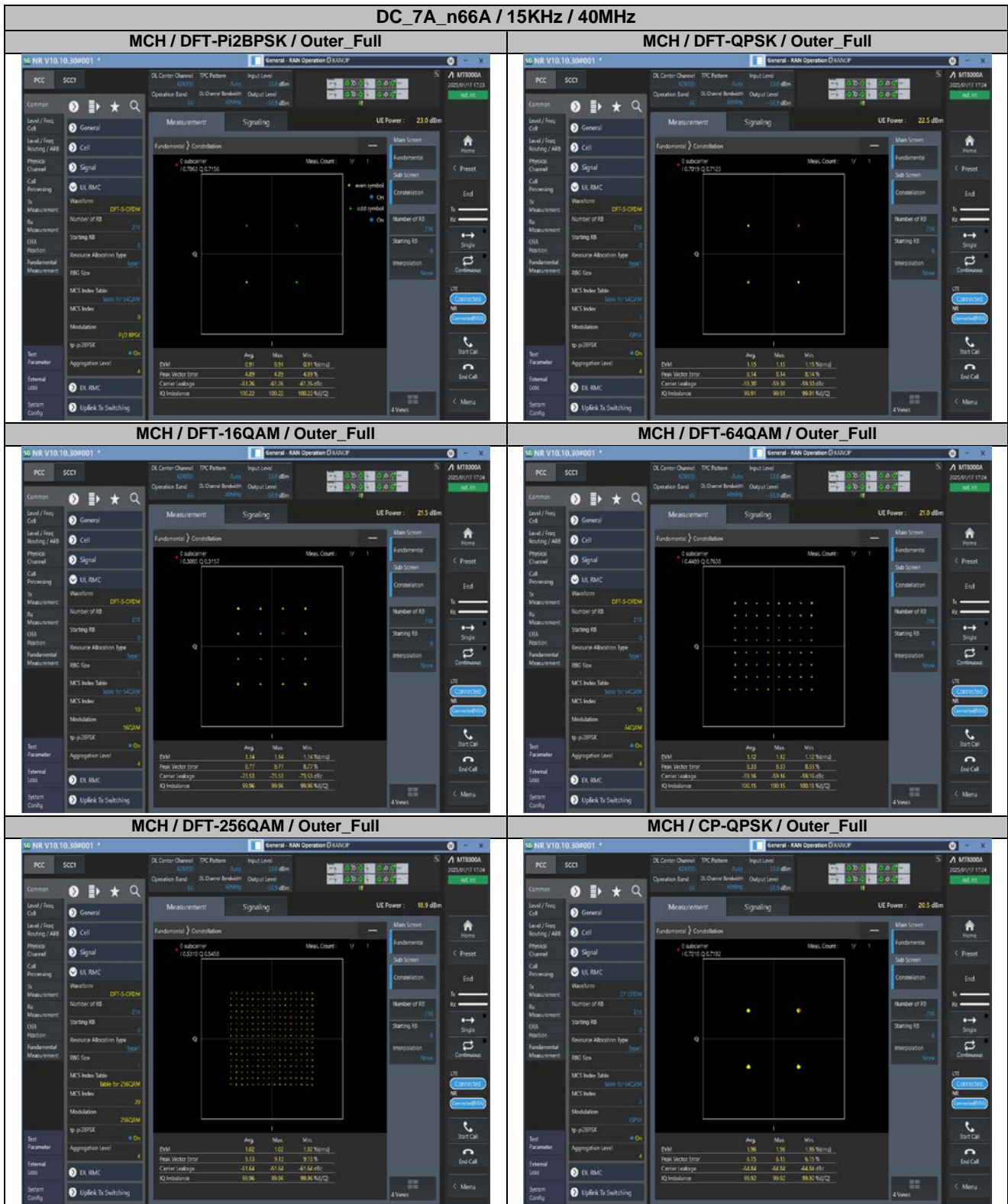
| SCS   | Bandwidth | Channel | RB         | Result (dB) |          | Limit (dB) | Verdict |
|-------|-----------|---------|------------|-------------|----------|------------|---------|
|       |           |         |            | DFT-Pi2BPSK | DFT-QPSK |            |         |
| 15KHz | 40MHz     | LCH     | Outer_Full | 7.15        | 7.84     | 13.00      | Pass    |
| 15KHz | 40MHz     | MCH     | Outer_Full | 7.20        | 7.68     | 13.00      | Pass    |
| 15KHz | 40MHz     | HCH     | Outer_Full | 7.16        | 8.03     | 13.00      | Pass    |

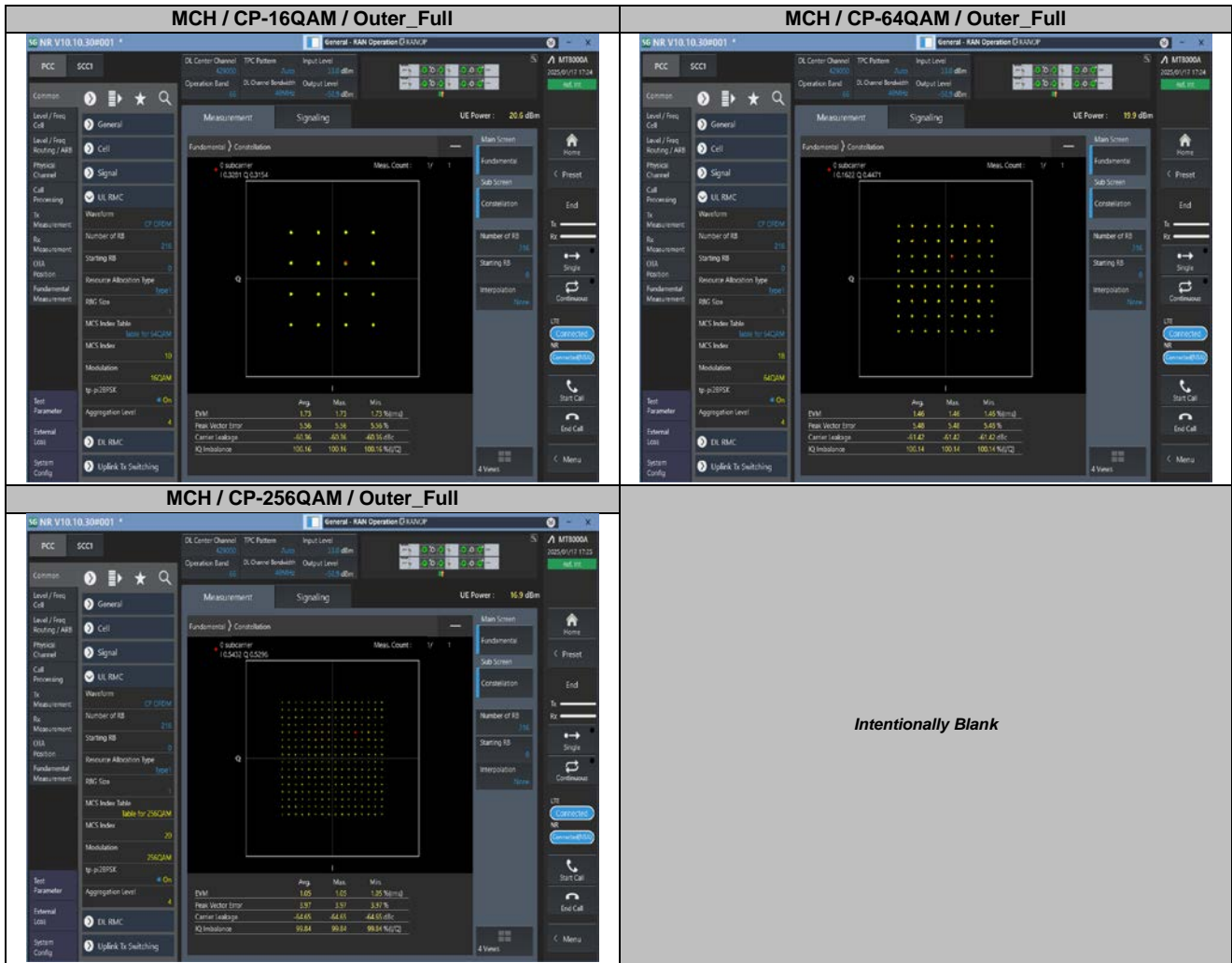
### 2.2. Test Plots for SCS=15KHz



### 3. Modulation Characteristics

#### 3.1. Test Plots for SCS=15KHz



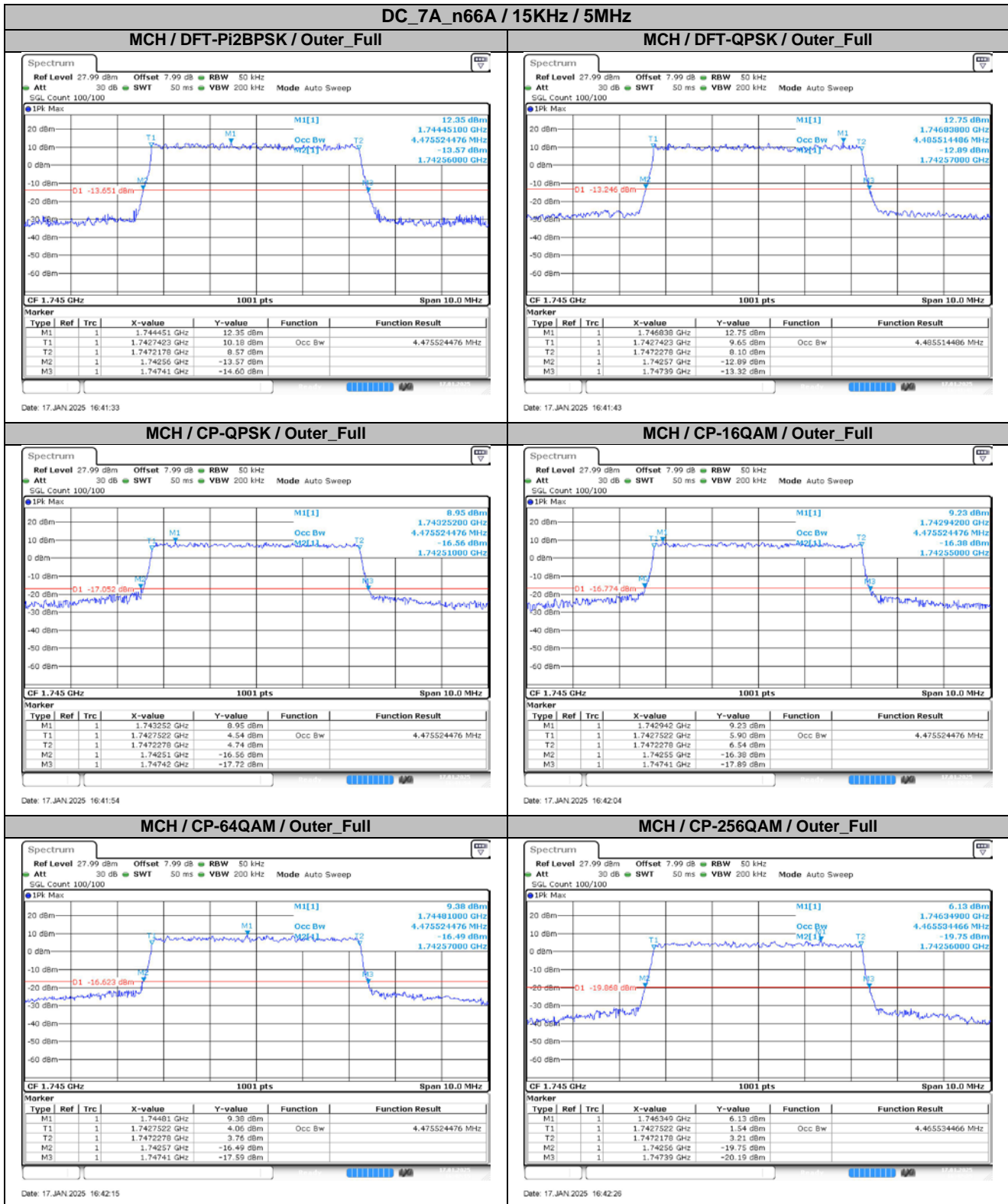


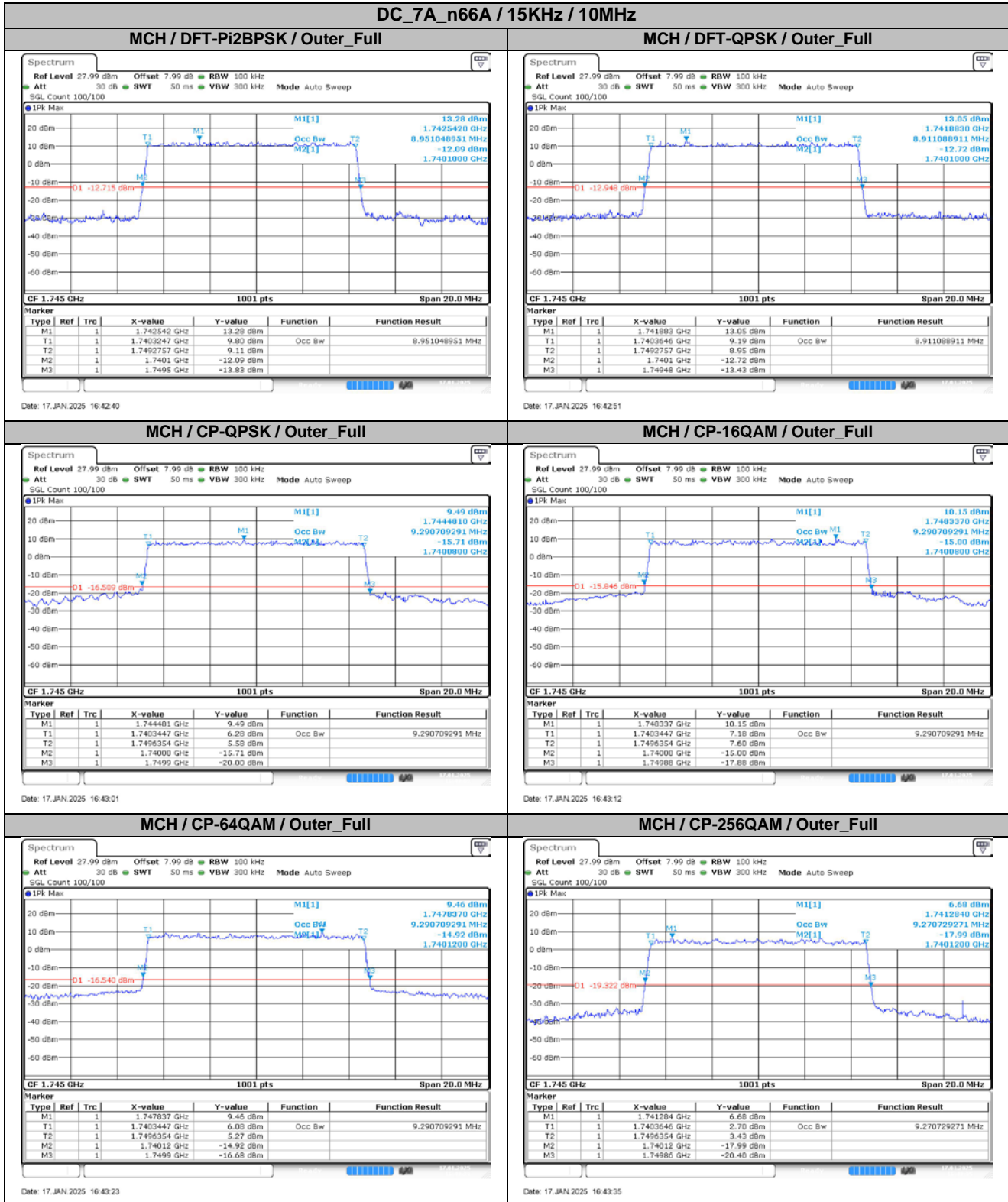
## 4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

### 4.1. Test Results

| SCS   | Bandwidth | Modulation  | RB         | 99% Occupied Bandwidth (MHz) | 26dB Emission Bandwidth (MHz) | Verdict |
|-------|-----------|-------------|------------|------------------------------|-------------------------------|---------|
| 15KHz | 5MHz      | DFT-Pi2BPSK | Outer_Full | 4.48                         | 4.85                          | Pass    |
| 15KHz | 5MHz      | DFT-QPSK    | Outer_Full | 4.49                         | 4.82                          | Pass    |
| 15KHz | 5MHz      | CP-QPSK     | Outer_Full | 4.48                         | 4.91                          | Pass    |
| 15KHz | 5MHz      | CP-16QAM    | Outer_Full | 4.48                         | 4.86                          | Pass    |
| 15KHz | 5MHz      | CP-64QAM    | Outer_Full | 4.48                         | 4.84                          | Pass    |
| 15KHz | 5MHz      | CP-256QAM   | Outer_Full | 4.47                         | 4.83                          | Pass    |
| 15KHz | 10MHz     | DFT-Pi2BPSK | Outer_Full | 8.95                         | 9.40                          | Pass    |
| 15KHz | 10MHz     | DFT-QPSK    | Outer_Full | 8.91                         | 9.38                          | Pass    |
| 15KHz | 10MHz     | CP-QPSK     | Outer_Full | 9.29                         | 9.82                          | Pass    |
| 15KHz | 10MHz     | CP-16QAM    | Outer_Full | 9.29                         | 9.80                          | Pass    |
| 15KHz | 10MHz     | CP-64QAM    | Outer_Full | 9.29                         | 9.78                          | Pass    |
| 15KHz | 10MHz     | CP-256QAM   | Outer_Full | 9.27                         | 9.74                          | Pass    |
| 15KHz | 15MHz     | DFT-Pi2BPSK | Outer_Full | 13.40                        | 14.16                         | Pass    |
| 15KHz | 15MHz     | DFT-QPSK    | Outer_Full | 13.43                        | 14.13                         | Pass    |
| 15KHz | 15MHz     | CP-QPSK     | Outer_Full | 14.09                        | 14.88                         | Pass    |
| 15KHz | 15MHz     | CP-16QAM    | Outer_Full | 14.12                        | 14.88                         | Pass    |
| 15KHz | 15MHz     | CP-64QAM    | Outer_Full | 14.15                        | 14.85                         | Pass    |
| 15KHz | 15MHz     | CP-256QAM   | Outer_Full | 14.09                        | 14.82                         | Pass    |
| 15KHz | 20MHz     | DFT-Pi2BPSK | Outer_Full | 17.86                        | 18.64                         | Pass    |
| 15KHz | 20MHz     | DFT-QPSK    | Outer_Full | 17.82                        | 18.72                         | Pass    |
| 15KHz | 20MHz     | CP-QPSK     | Outer_Full | 18.90                        | 19.80                         | Pass    |
| 15KHz | 20MHz     | CP-16QAM    | Outer_Full | 18.90                        | 19.84                         | Pass    |
| 15KHz | 20MHz     | CP-64QAM    | Outer_Full | 18.90                        | 19.80                         | Pass    |
| 15KHz | 20MHz     | CP-256QAM   | Outer_Full | 18.86                        | 19.80                         | Pass    |
| 15KHz | 25MHz     | DFT-Pi2BPSK | Outer_Full | 22.88                        | 23.85                         | Pass    |
| 15KHz | 25MHz     | DFT-QPSK    | Outer_Full | 22.88                        | 23.90                         | Pass    |
| 15KHz | 25MHz     | CP-QPSK     | Outer_Full | 23.73                        | 24.85                         | Pass    |
| 15KHz | 25MHz     | CP-16QAM    | Outer_Full | 23.78                        | 24.85                         | Pass    |
| 15KHz | 25MHz     | CP-64QAM    | Outer_Full | 23.73                        | 24.75                         | Pass    |
| 15KHz | 25MHz     | CP-256QAM   | Outer_Full | 23.68                        | 24.80                         | Pass    |
| 15KHz | 30MHz     | DFT-Pi2BPSK | Outer_Full | 28.53                        | 29.76                         | Pass    |
| 15KHz | 30MHz     | DFT-QPSK    | Outer_Full | 28.47                        | 29.88                         | Pass    |
| 15KHz | 30MHz     | CP-QPSK     | Outer_Full | 28.53                        | 29.76                         | Pass    |
| 15KHz | 30MHz     | CP-16QAM    | Outer_Full | 28.53                        | 29.76                         | Pass    |
| 15KHz | 30MHz     | CP-64QAM    | Outer_Full | 28.53                        | 29.76                         | Pass    |
| 15KHz | 30MHz     | CP-256QAM   | Outer_Full | 28.53                        | 29.82                         | Pass    |
| 15KHz | 35MHz     | DFT-Pi2BPSK | Outer_Full | 32.10                        | 33.74                         | Pass    |
| 15KHz | 35MHz     | DFT-QPSK    | Outer_Full | 32.10                        | 33.74                         | Pass    |
| 15KHz | 35MHz     | CP-QPSK     | Outer_Full | 33.57                        | 35.14                         | Pass    |
| 15KHz | 35MHz     | CP-16QAM    | Outer_Full | 33.57                        | 35.14                         | Pass    |
| 15KHz | 35MHz     | CP-64QAM    | Outer_Full | 33.57                        | 35.21                         | Pass    |
| 15KHz | 35MHz     | CP-256QAM   | Outer_Full | 33.43                        | 35.21                         | Pass    |
| 15KHz | 40MHz     | DFT-Pi2BPSK | Outer_Full | 38.60                        | 40.24                         | Pass    |
| 15KHz | 40MHz     | DFT-QPSK    | Outer_Full | 38.52                        | 40.24                         | Pass    |
| 15KHz | 40MHz     | CP-QPSK     | Outer_Full | 38.52                        | 40.16                         | Pass    |
| 15KHz | 40MHz     | CP-16QAM    | Outer_Full | 38.52                        | 40.24                         | Pass    |
| 15KHz | 40MHz     | CP-64QAM    | Outer_Full | 38.52                        | 40.32                         | Pass    |
| 15KHz | 40MHz     | CP-256QAM   | Outer_Full | 38.52                        | 40.24                         | Pass    |

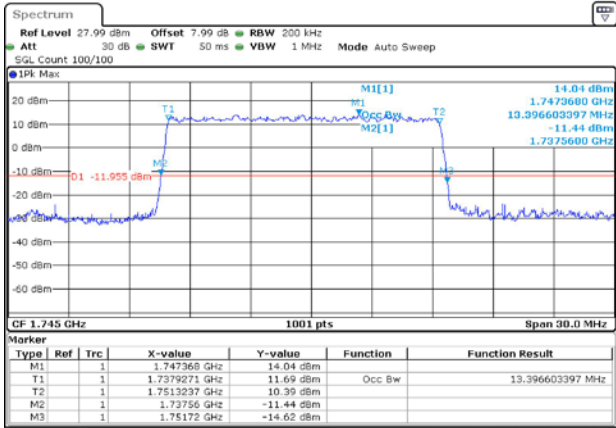
4.2. Test Plots for SCS=15KHz



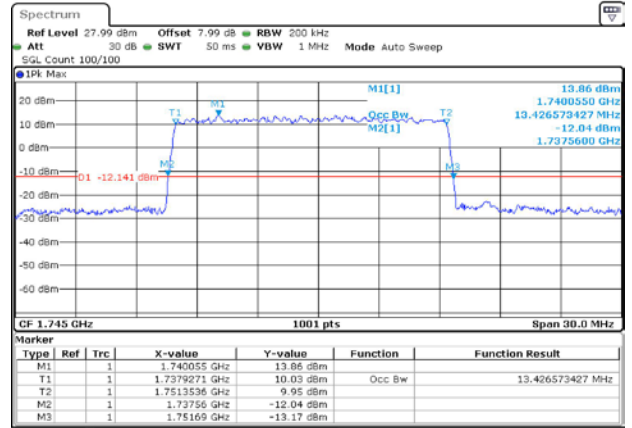


DC\_7A\_n66A / 15KHz / 15MHz

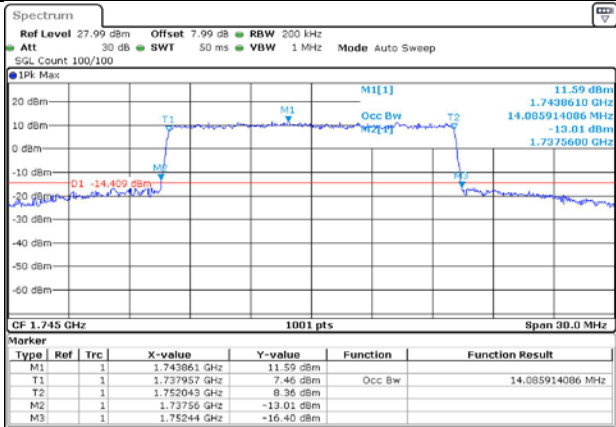
MCH / DFT-Pi2BPSK / Outer\_Full



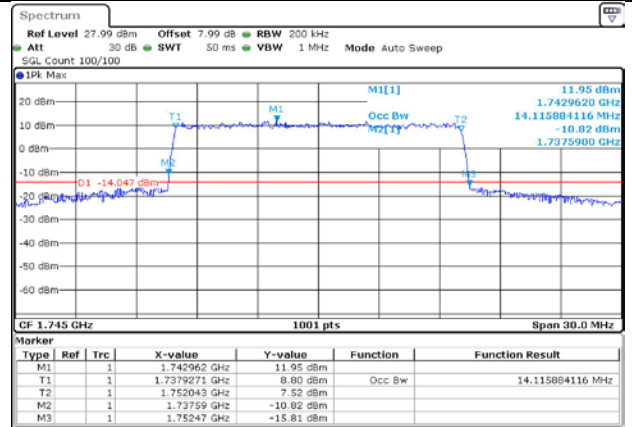
MCH / DFT-QPSK / Outer\_Full



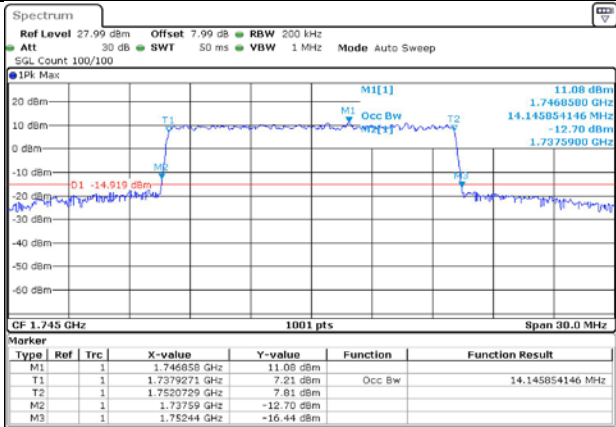
MCH / CP-QPSK / Outer\_Full



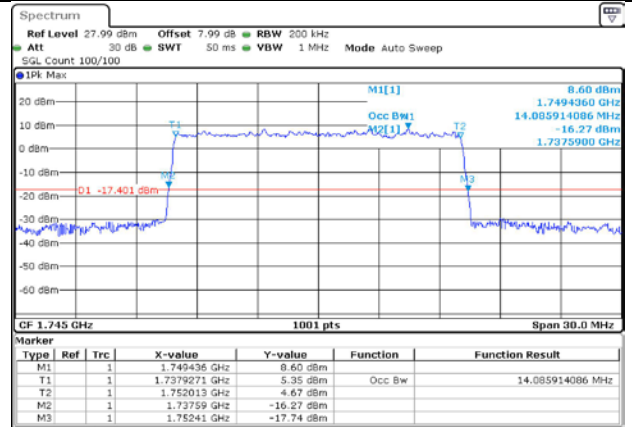
MCH / CP-16QAM / Outer\_Full



MCH / CP-64QAM / Outer\_Full

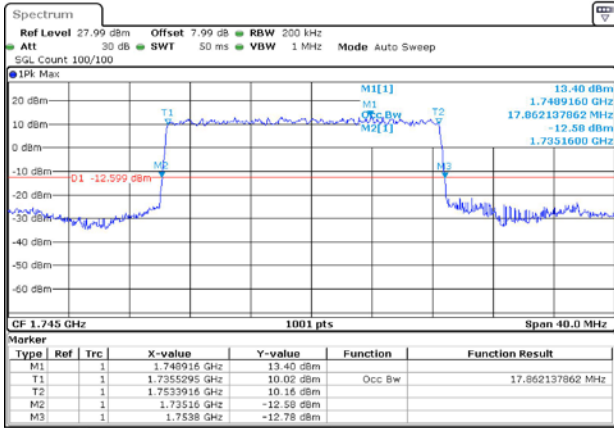


MCH / CP-256QAM / Outer\_Full



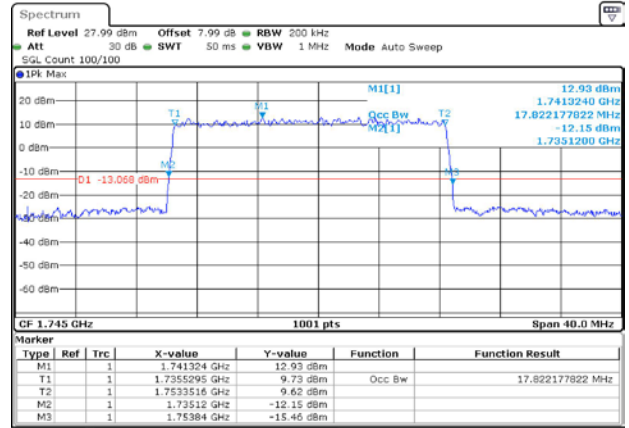
DC\_7A\_n66A / 15KHz / 20MHz

MCH / DFT-Pi2BPSK / Outer\_Full



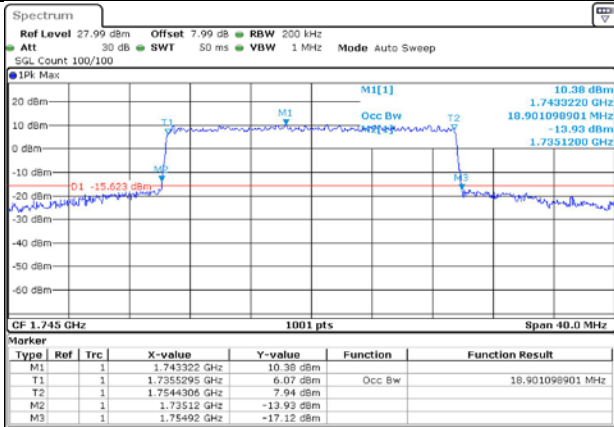
Date: 17.JAN.2025 16:45:00

MCH / DFT-QPSK / Outer\_Full



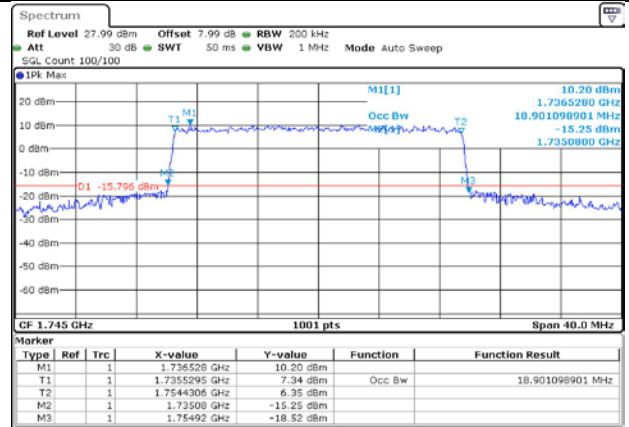
Date: 17.JAN.2025 16:45:11

MCH / CP-QPSK / Outer\_Full



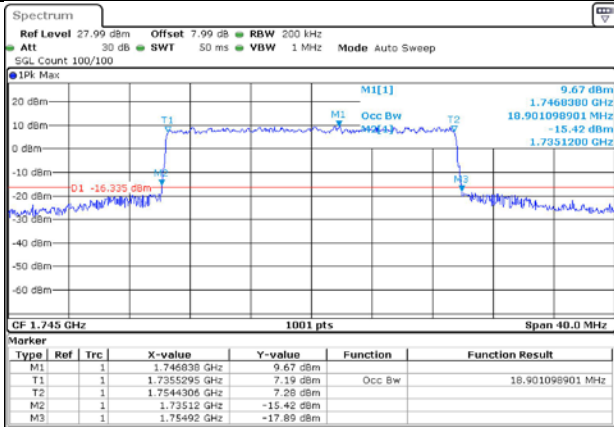
Date: 17.JAN.2025 16:45:23

MCH / CP-16QAM / Outer\_Full



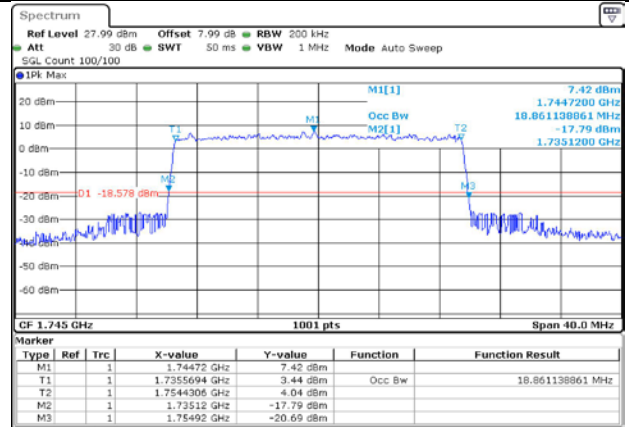
Date: 17.JAN.2025 16:45:35

MCH / CP-64QAM / Outer\_Full

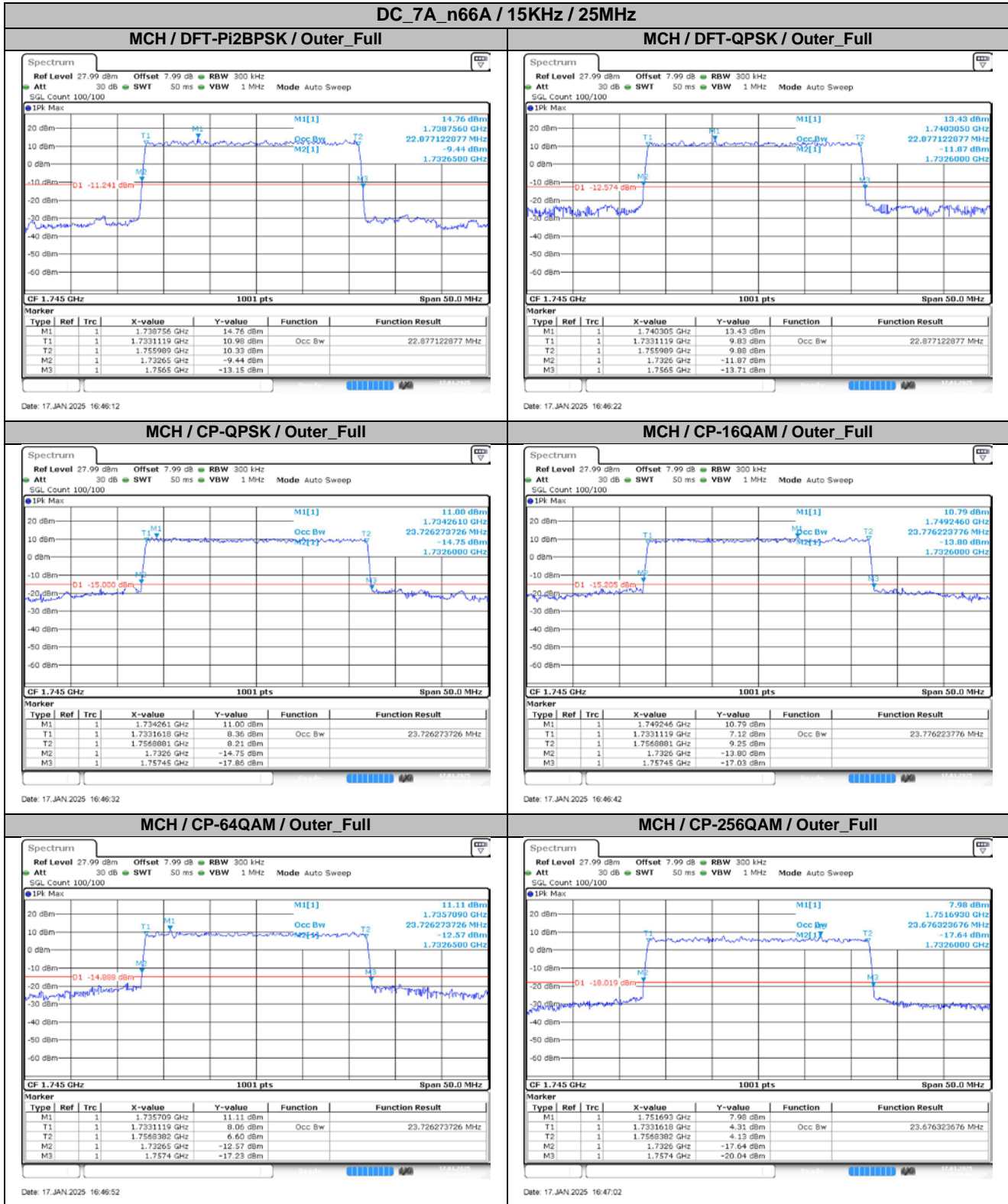


Date: 17.JAN.2025 16:45:47

MCH / CP-256QAM / Outer\_Full

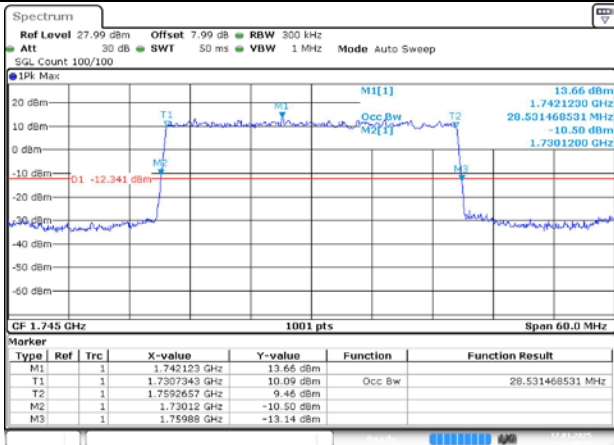


Date: 17.JAN.2025 16:45:59



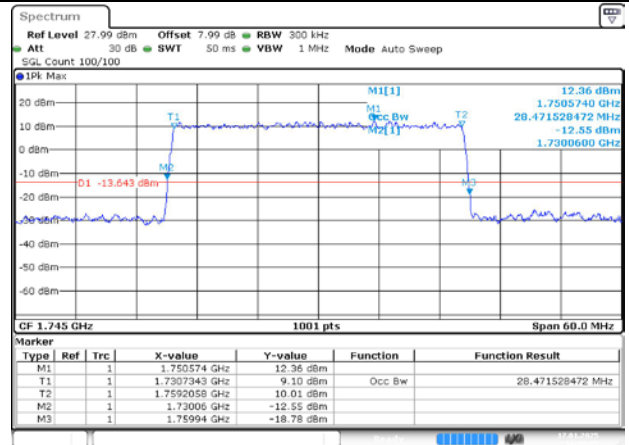
DC\_7A\_n66A / 15KHz / 30MHz

MCH / DFT-Pi2BPSK / Outer\_Full



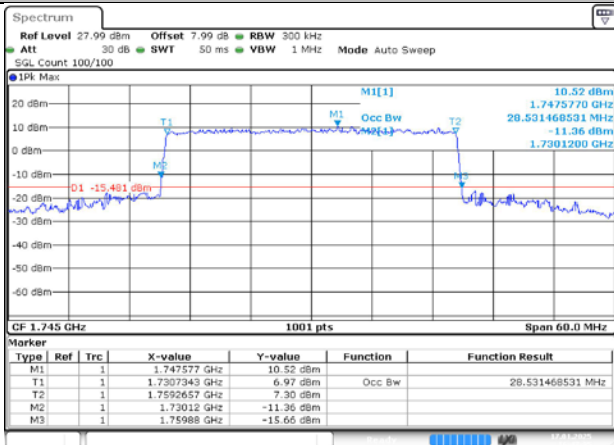
Date: 17.JAN.2025 16:47:16

MCH / DFT-QPSK / Outer\_Full



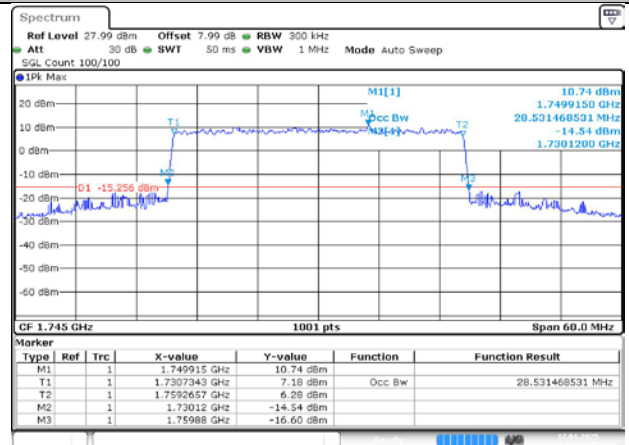
Date: 17.JAN.2025 16:47:26

MCH / CP-QPSK / Outer\_Full



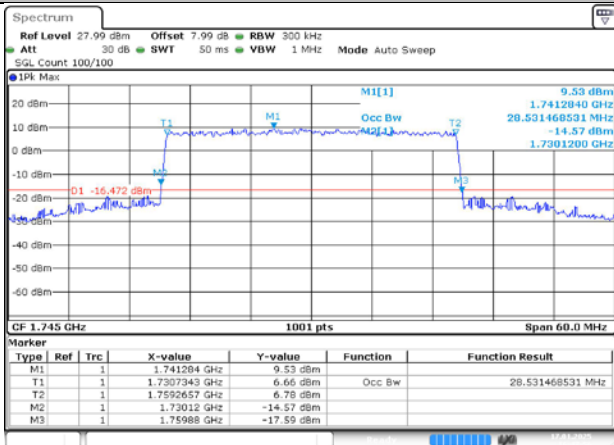
Date: 17.JAN.2025 16:47:36

MCH / CP-16QAM / Outer\_Full



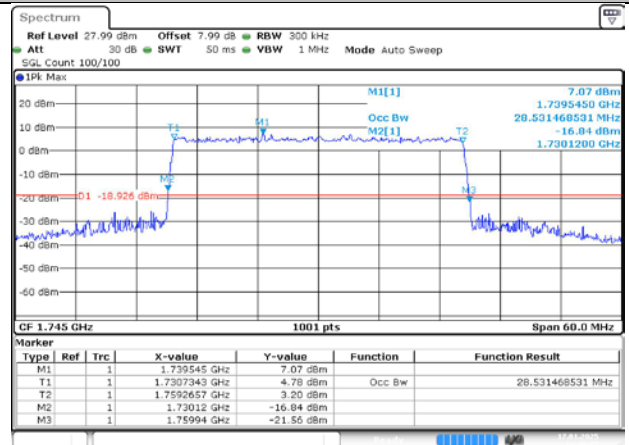
Date: 17.JAN.2025 16:47:46

MCH / CP-64QAM / Outer\_Full

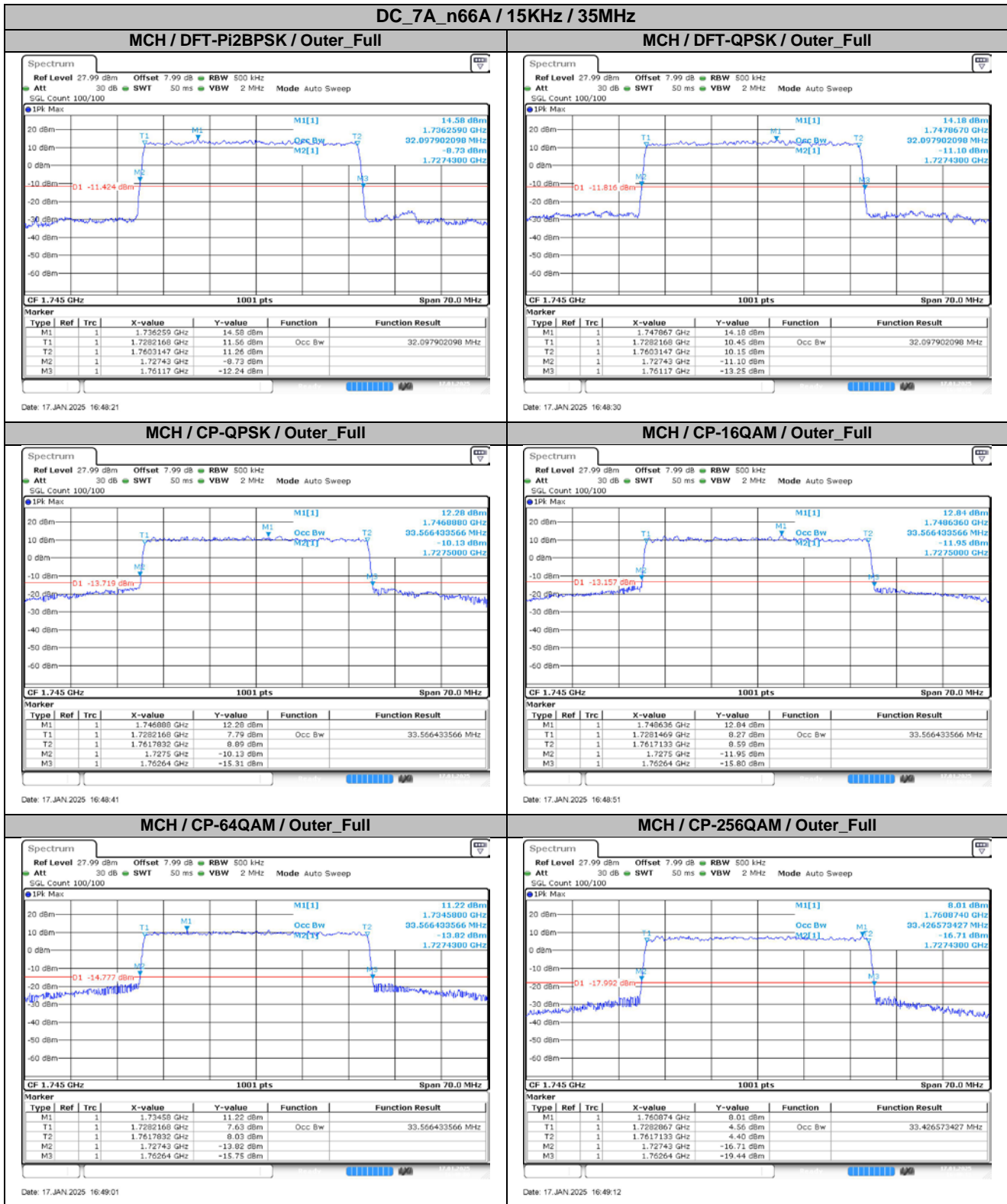


Date: 17.JAN.2025 16:47:56

MCH / CP-256QAM / Outer\_Full

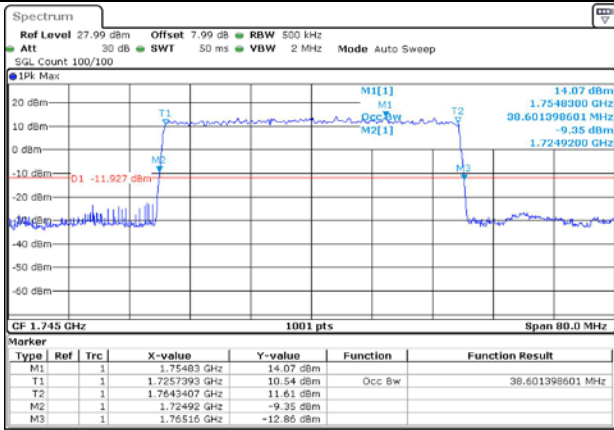


Date: 17.JAN.2025 16:48:06



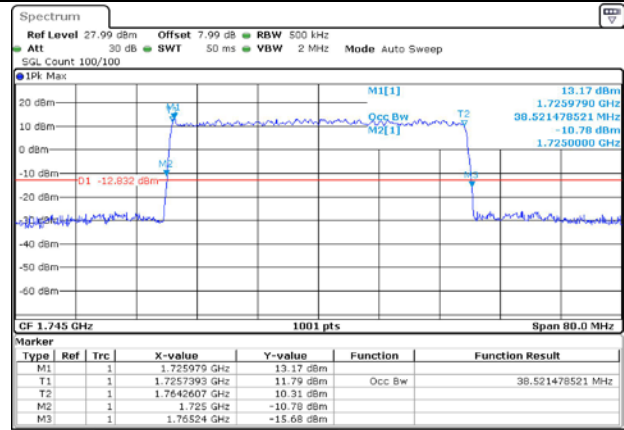
DC\_7A\_n66A / 15KHz / 40MHz

MCH / DFT-Pi2BPSK / Outer\_Full



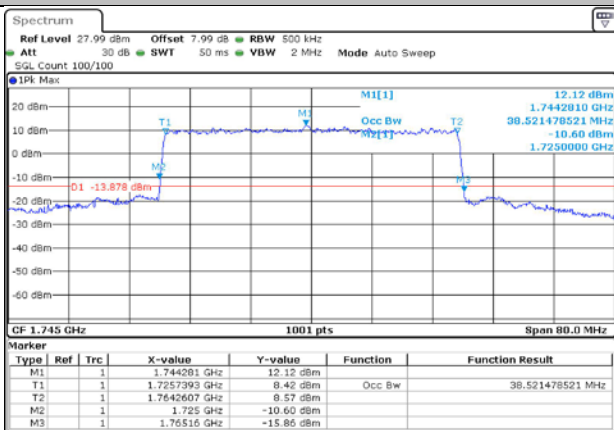
Date: 17.JAN.2025 16:49:25

MCH / DFT-QPSK / Outer\_Full



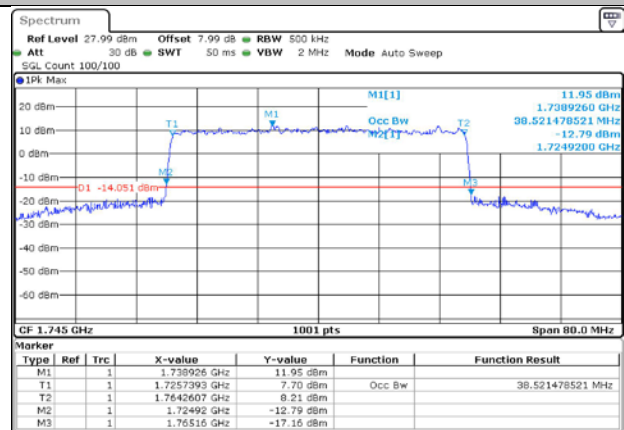
Date: 17.JAN.2025 16:49:35

MCH / CP-QPSK / Outer\_Full



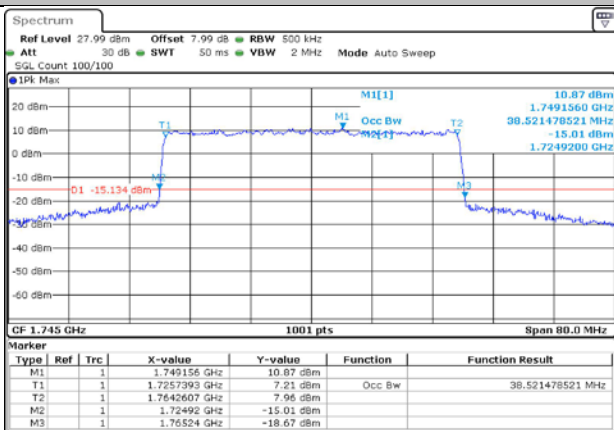
Date: 17.JAN.2025 16:49:48

MCH / CP-16QAM / Outer\_Full



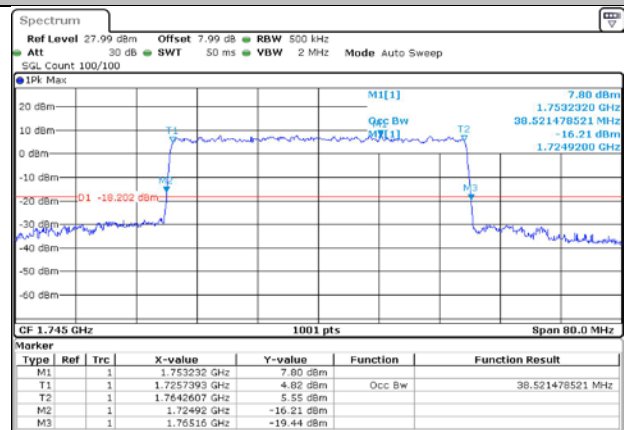
Date: 17.JAN.2025 16:49:56

MCH / CP-64QAM / Outer\_Full



Date: 17.JAN.2025 16:50:08

MCH / CP-256QAM / Outer\_Full



Date: 17.JAN.2025 16:50:17

### 5. Conducted Band Edges

#### 5.1. Test Plots for SCS=15KHz

